

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	982	455/208,209,147,3315,318.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 12:04
L2	139	1 and (divid\$4 same (mix\$4 or (frequency near conver\$4)) same (filt\$4 or remov\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 12:05
S1	666	455/214,215.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 13:52
S2	306	S1 and (filt\$4 or remov\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:11
S3	175	S2 and (mix\$4 or (frequency near conver\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:11

## EAST Search History

S4	42	("20050048932"   "5187809"   "5471652"   "5564076"   "5590408"   "5715526"   "5722053"   "5757858"   "5794159"   "5896562"   "5974305"   "6014551"   "6028850"   "6031878"   "6069925"   "6125266"   "6148048"   "6178313"   "6185434"   "6215988"   "6243569"   "6349216"   "6377813"   "6392479"   "6405025"   "6430421"   "6438360"   "6459253"   "6463293"   "6469995"   "6498785"   "6516206"   "6535748"   "6545547"   "6556635"   "6643522"   "6708025"   "6708044"   "6735426"   "6766178"   "6868263"   "6980610").PN. OR ("7106805").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:43
S5	214781	synthes\$6 and divid\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 16:30
S6	12	S3 and S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:04
S7	23	((regenerat\$4 or (re adj generat\$4)) near2 divid\$4) same (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:14
S8	79	((regenerat\$4 or (re adj generat\$4)) adj2 divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:09

## EAST Search History

S9	63	S8 not S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:25
S10	2	"6785528".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:25
S12	10749	((regenerat\$4 or (re adj generat\$4) or frequency) adj divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:14
S13	1590	S12 and ((phase same quadra\$5) or (I adj Q))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:11
S14	1357	S13 and (mix\$4 or (frequency near conver\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:11
S15	1340	S14 and (filt\$4 or remov\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:11
S16	572	S15 and (divid\$4 same (mix\$4 or (frequency near conver\$4)) same (filt\$4 or remov\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 12:04
S18	1	("2002/0022465").URPN.	USPAT	OR	ON	2007/04/11 19:22
S19	9	("5179360"   "5771442"   "5812605"   "5844868"   "6175746"   "6269253"   "6484013"   "6609010"   "6735426").PN. OR ("7058380"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 19:22

## EAST Search History

S21	568	S16 and oscillat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:45
S22	551	S21 not S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:46
S23	551	S22 not S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 19:50
S24	434	S23 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030108" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02
S25	23	((regenerat\$4 or (re adj generat\$4)) near2 divid\$4) same (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:28
S26	79	((regenerat\$4 or (re adj generat\$4)) adj2 divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02
S27	10757	((regenerat\$4 or (re adj generat\$4) or frequency) adj divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:41
S28	1591	S27 and ((phase same quadra\$5) or (I adj Q))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:29

## EAST Search History

S29	1358	S28 and (mix\$4 or (frequency near conver\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S30	1341	S29 and (filt\$4 or remov\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S31	572	S30 and (divid\$4 same (mix\$4 or (frequency near conver\$4)) same (filt\$4 or remov\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S32	568	S31 and oscillat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02
S33	551	S32 not S26	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02
S34	551	S33 not S25	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02
S35	434	S34 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030108" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:41
S36	223	S35 and "455"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:23

## EAST Search History

S37	98	S36 and 455/76,165.1,331,183.1, 260,563.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:23
S38	284	S34 and "455"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:23
S39	111	S38 and 455/76,165.1,331,183.1, 260,563.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:39
S40	32	("4211975"   "4340975"   "4408347"   "4789976"   "4818903"   "4903329"   "5028887"   "5031233"   "5200826"   "5311318"   "5423076"   "5428829"   "5630214"   "5715012"   "5737035"   "5828589"   "5956098"   "5982823"   "6163684"   "6177964"   "6195563"):PN. OR ("6591091"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:09
S41	220	((regenerat\$4 or (re adj generat\$4)) near2 divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:28
S42	33	S41 and ((phase same quadra\$5) or (I with Q) or (sin same cos))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S43	1507	455/205,207,209,213,214,215, 216.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:39

## EAST Search History

S44	347	S43 and ((phase same quadra\$5) or (I with Q) or (sin same cos))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:02
S45	269	S44 and (mix\$4 or (frequency near conver\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S46	260	S45 and (filt\$4 or remov\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:40
S47	11236	((regenerat\$4 or (re adj generat\$4) or frequency or program\$4) adj divid\$4) and (synthes\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:41
S48	29	S46 and S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:41
S49	27	S48 and ((@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20030108" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:42
S50	1	("2002/0022465").URPN.	USPAT	OR	ON	2007/04/12 13:31
S51	/ 1	"6091780".pn.	USPAT	OR	ON	2007/04/12 13:31
S52	2	"20060246861".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/28 14:49
S53	1	("2002/0022465").URPN.	USPAT	OR	ON	2007/04/28 15:53

## EAST Search History

S54	14	("5278994" "5936546" "6151354"  "6154641" "6230026" "6366622"  "6377562" "6385203" "6404293"  "6415001" "6429812" "6441701"  "6658748" "6678503").PN.	USPAT	OR	ON	2007/04/28 15:57
S55	907	331/40,43,77,22,30.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:58
S56	191	S55 and (mix\$4 or (frequency adj conver\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:59
S57	168	S56 and (filt\$4 or remov\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:59
S58	120	S57 and (divid\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:00
S59	56	(DOSANJH near2 SATHWANT).in. (KUNG near2 WILLIAM).in. (MANKU near2 TAJINDER).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:40
S60	20	S59 and divid\$5 and (mix\$4 or (frequency adj conver\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:41